

IN THE CLAIMS

Please amend the claims as follows:

1. *(currently amended)* A method of adhering a first material to a second material, comprising the steps of:
 - a. positioning the first material on a work surface, with an adhesion zone exposed;
 - b. applying an anchoring adhesive to the first material or to the second material or to both, to form a plurality of substantially isolated adhesive anchors separated by interstitial spaces;
 - c. after the adhesive anchors have cured to form a plurality of physical and chemical bonding sites within the adhesion zone, applying a bonding adhesive to the first material or to the second material or to both before the bonding adhesive has cured, the anchoring adhesive after curing having a relatively higher degree of adhesion to the first material or to the second material or to both than the degree of adhesion of the bonding adhesive to the first material or to the second material or to both; ~~and~~
 - d. placing the second material into contact with the adhesive anchors and then curing the bonding adhesive to bond the bonding adhesive to the adhesive anchors; and
 - e. removing the bonded first and second materials from the work surface,

whereby the bonding adhesive intrudes into the interstitial spaces before curing and when cured bonds to the adhesive anchors.
2. *(original)* The method of claim 1, in which the step of applying an anchoring adhesive to the first or second materials comprises the sub-steps of i. positioning a screen having a plurality of adhesive-impervious portions and adhesive-pervious portions in contact with at least the adhesion zone; ii. applying the anchoring adhesive through the adhesive-pervious portions of the screen; and iii. removing the screen.
3. *(original)* The method of claim 2, in which the adhesive anchors are applied in a uniform pattern.

4. *(original)* The method of claim 3, in which the screen provides a grid of adhesive-impervious portions.
5. *(original)* The method of claim 1, in which the bonding adhesive is flexible.
6. *(previously amended)* The method of claim 1, in which the anchoring adhesive is rigid.
7. *(previously amended)* The method of claim 1, further comprising, before step c., the steps of
 - i. positioning the second material on a work surface, with the adhesion zone exposed; and
 - ii. applying the anchoring adhesive to the second material, to form a plurality of substantially isolated adhesive anchors separated by interstitial spaces.
8. *(withdrawn)* A product produced according to the method of claim 1.
9. *(withdrawn)* A product produced according to the method of claim 2.
10. *(withdrawn)* A product produced according to the method of claim 3.
11. *(currently amended)* A method of adhering a casting adhesive to a material, comprising the steps of:
 - a. positioning the material on a work surface, with an adhesion zone exposed;
 - b. applying an anchoring adhesive to the material, to form a plurality of substantially isolated adhesive anchors separated by interstitial spaces;
 - c. after the adhesive anchors have cured to form a plurality of physical and chemical bonding sites within the adhesion zone, applying a casting adhesive to the material before the casting adhesive has cured, the anchoring adhesive after curing having a relatively higher degree of adhesion to the material than the degree of adhesion of the casting adhesive to the material; and

d. allowing the casting adhesive to cure and bond to the adhesive anchors; and

e. removing the bonded casting adhesive and material from the work surface,

whereby the casting adhesive intrudes into the interstitial spaces before curing.

12. *(original)* The method of claim 11, in which the step of applying an anchoring adhesive to the material comprises the sub-steps of i. positioning a screen having a plurality of adhesive-impervious portions and adhesive-pervious portions in contact with at least the adhesion zone; ii. applying the anchoring adhesive through the adhesive-pervious portions of the screen; and iii. removing the screen.

13. *(original)* The method of claim 12, in which the adhesive anchors are applied in a uniform pattern.

14. *(original)* The method of claim 13, in which the screen provides a grid of adhesive-impervious portions.

15. *(original)* The method of claim 11, in which the casting adhesive is flexible.

16. *(original)* The method of claim 15, in which the anchoring adhesive is rigid.

17. *(withdrawn)* A product produced according to the method of claim 11.

18. *(withdrawn)* A product produced according to the method of claim 12.

19. *(withdrawn)* A product produced according to the method of claim 13.